



protoclea

advanced image engineering

Protoclea Company Brochure

Protoclea is a company specialising in video analytics. We focus on turn-key solutions, adapting a variety of products in ways that will enhance their performance in order to achieve a working solution. If the standard off-the-shelf video solution doesn't work well enough, we offer a variety of options that can improve performance without redesigning the complete solution.



oxylus

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Wide area thermal scanning system



Oxylus is a 360 degree thermal scanning system, designed to monitor large areas of land during the day and night. It is primarily designed for proactive warning, allowing for an early response to handle the threat. It uses a high resolution thermal camera with a supporting high resolution visible spectrum camera to provide a panoramic view of the terrain, de-



tecting targets up to 1.5km away.



detecta

detecta

Vehicle identification, licence plate recognition and access management system

Detecta is a vehicle identification system used for access control, parking management and location monitoring. It uses machine learning to identify the vehicle brand and model, and an accurate number plate recognition algorithm to verify the specific detail, and is used in security and convenience applications where performance is critical.



phorcas

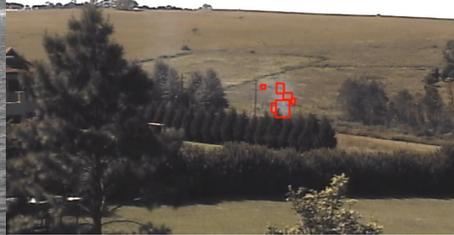
Intelligent Security Video Information System



The **Phorcas system** is a sophisticated security information system designed to integrate multiple sub-systems in a powerful crime fighting solution. By integrating information from all available systems, performing contextual analysis using present as well as historical data, crime can be effectively prevented. Where prevention was not possible, Phorcas offers sophisticated tools to assist active incident management, dealing effectively with incidents. When the justice system requires it Phorcas offers efficient abilities to find and present evidence.



Tracking



Smoke detection



Stabilising

Current and past clients and collaborators include



For more information contact:

Protoclea

Tel: +27 11 100 0935

Sales-desk@protoclea.com

www.protoclea.com

